

DEVIS RUTAYUGA

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OBJECTIVE

With an unwavering focus on achieving exceptional results, I bring a 4+ years of digital experience to bear on every aspect of project design, budget management, project planning, strategy development, implementation, monitoring and control, leveraging my expertise to overcome obstacles and deliver outstanding outcomes.

I am deeply involved in the First Line Maintenance operations of a long overhaul Consortium fiber network, where I serve as a member of the on-site field team tasked with ensuring **99.9%** uninterrupted network connectivity along Dar-es-Salaam to Mlandizi **97 kms** Backbone route but currently involved on **FTTH SAGEMCOM** civil project at Mbweni.

EDUCATION BACKGROUND

Bachelor of Science in Telecommunications Engineering, **University of Dar es Salaam**, November 2019

Advance Certificate for Secondary Education, **Alpha High School**, May 2015

Certificate for Secondary Education, **Trust St Patrick School**, October 2012

PROFESSIONAL ACHIEVEMENTS

GNC SOLUTIONS LTD – Kimara, Dar es Salaam

Optics Fiber Specialist, March 2020 – Present

- Participated on Vodacom Request for Proposal responses and technical site survey for underground fiber rollout projects in Tanga (15kms) and Mtwara(28kms) coastal regions in 2022.
- Procurement and logistics support of various fiber materials as per project teams' requirements including selection of suitable suppliers, ordering, purchasing and delivery materials according to teams' specifications and timelines.
- Engaged into **195+** interactions with various stakeholders (i.e.TARURA, TANROADS, local governments, railway station masters, TANESCO, DAWASA, KASHWASA, Shinyanga regional office..etc) subjected to fiber facility awareness, collaborations and approval permits.
- Preparation of Bill of Quantities and respective Proforma Invoices summary for more than **8** fiber relocation projects.
- Predicted risks and mitigation strategies for incoming fiber projects.
- Led the training of **16** FLM fiber engineers in 2022 on GNC documentation refresher to ensure compliance with industrial standards and best practices approach.
- Develops and generates uptodate site consolidated report and cloud storage to monitor project progress, identify deviations, corrective actions and maintain within KPIs.
- Supported in capture and resolve **38** snags along 119 km Didia to Malampaka fiber route audit during project pre-takeover in August 2020.
- Collaborated in revitalize 96F Shinyanga Metro fiber ring topology through **24:24:24:6:6:6:6** technique.
- Performed preventive maintenance activities like inspections of 50+ joints, pole cleaning, fixing accessories, and dark fiber test of more than **25** sites links of various services (i.e. 10G, 20G,100G, STM-16, STM-64, DWDM...etc.) through ticketing management system.
- Liaise with NOC in **24/7** on-site network outage rectifications like low input power alarms, fiber cuts within minimum pre-defined MTTR of 4 hours.
- Maintained **100%** daily route patrol in Shinyanga metro and backbone to direction of Didia and Malampaka to ensure network availability and minimize downtime.
- Managed and utilized **50+** site tools, machinery and equipment through weekly tools audit to enhance their proper functioning and general maintenance.
- Ensured efficient cost management through the retirement procedure.

- Formulated of climbing gears documentation checklist form for fiber maintenance project on December 2023.
- Adhere to Health and Safety, Environment and Quality Regulations and Compliance as per **ISO 9001:2015, ISO 14001:2015** and **ISO 45001:2018**.

MICROLINKS AND TECHNO LTD. – Mikocheni, Dar es Salaam

RF Engineer Trainee, Dec 2019 – March 2020

- Engineered in assemble and installation of **2+** RRUs and **4+** GSM Hex Antenna in Tigo sites
- Performed and compliance with Ericson OHS Regulations.
- Installed DUG, DUW and Baseband technology.
- Modification of electrical tilts and mechanical tilts on GSM Antennae.

PROFESSIONAL CERTIFICATES

- Fall Arrest and Basic Rescue International (with Radio Frequency Awareness and FallProtec SecuRope), **Gravity Group Holdings**
- Industrial First Aid Course, **Occupational Safety and Health Authority HQ**
- Climbing Equipment Inspection and Management, **Gravity Group Holdings**

PROJECTS EXPERIENCE

Life Cycle (Years)	Project type	Scope	Status
Nov 2018 - July 2019	Undergraduate Final Year Project.	Design and Implementation of Non Touch Digital Thermometer	Completed
Dec 2019 - March 2020	Tigo RAN Optimization.	Capacity upgrade for Tigo sites in Dar es Salaam and Dodoma	Completed
March 2020 – July 2020	Mabilioni Fiber Relocation project.	Permanent repair of Same<>Moshi Fiber route of 53kms prior to too many temporary joints.	Completed
August 2022 - Sept 2022	Dodoma<>Makutopora Fiber relocation.	Permanent migration of fiber route(9.4kms) prior to SGR construction.	Completed
Nov 2023 – Till Date	FTTX SAGEMCOM Project	FTTH civil work installations (9 clusters completed with 580 poles installed and 49000+m of cable pulled)	On progress

LANGUAGE PROFICIENCY

<u>Language</u>	<u>Reading</u>	<u>Writing</u>	<u>Speaking</u>
Swahili	Native	Native	Native
English	Excellent	Excellent	Fluent

ADDITIONAL SKILLS

- Understanding of KPI requirements and compliance
- Testing and troubleshooting of network faults
- Network performance optimization
- Network security management
- OneDrive Cloud Storage
- Microsoft Word, Excel and Powerpoint
- Data analytical mindset
- Health, Safety and Environment awareness
- Problem solving skills
- Risk management
- Stakeholder engagement
- Change management skills
- Quality Assurance Testing

REFEREEES

George Chonjo	Tito Lugoe	Khadija Mkocha
Project Manager	Managing Consultant	Lecturer
GNC SOLUTIONS LTD	Microlinks & Techno Co.LTD	UDSM, COICT
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